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| (51) International Patent Classification ⁶ : C08K 3/00, 13/02, C08L 77/00 // (C08K 3/00, 3:00, 3:38) (C08K 13/02, 3:00, 3:38, 5:00) | A1 | (11) International Publication Number: WO 99/47597 (43) International Publication Date: 23 September 1999 (23.09.99) |
| (21) International Application Number: PCT/US99/05902 (22) International Filing Date: 18 March 1999 (18.03.99) (30) Priority Data: 60/078,392 18 March 1998 (18.03.98) US (71) Applicant: E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US). (72) Inventors: MARTENS, Marvin, Michael; 5602 Greenmont Place, Vienna, WV 26105 (US). KOSHIDA, Reiko; 2-14-19-608, Minowa, Kohoku, Yokohama 223 (JP). TO- BIN, Wendy; 152 Sherman Street, Kingston, Ontario K7M 4G8 (CA). WILLIS, Joycelyn, M.; 544 Evangeline Avenue, Kingston, Ontario K7M 8R2 (CA). (74) Agent: HAMBY, William, H.; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US). | | (81) Designated States: CA, JP, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> |
| (54) Title: SYNERGIST FOR FLAME RETARDANT NYLONS (57) Abstract Antimony-free polyamide molding compositions are disclosed having improved flame resistance. These compositions comprise, in with percent, 20-77 % polyamide having a melting point of 215-340 °C; 10-60 % inorganic filler; 10-35 % of a flame retardant having 50-70 % bormine; 3-10 % zinc borate; and, 0-2 % of a heat stabilizer. | | |